



Sheet 1 of 1

|   |   |                                      |
|---|---|--------------------------------------|
| FORM PTO-1449<br><br><b>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</b><br><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary) | ATTORNEY DOCKET NO.<br><b>1349.1302</b>             | APPLICATION NO.<br><b>10/731,005</b> |
|   | FIRST NAMED INVENTOR<br><b>Jae-cheol LEE et al.</b> |                                      |
|   | FILING DATE<br><b>December 10, 2003</b>             | GROUP ART UNIT<br><b>2861</b>        |
|   |   |                                      |

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE | NAME | CLASS | SUB-<br>CLASS | FILING<br>DATE |
|----------------------|----|-----------------|------|------|-------|---------------|----------------|
|                      | AA |                 |      |      |       |               |                |
|                      | AB |                 |      |      |       |               |                |
|                      | AC |                 |      |      |       |               |                |
|                      | AD |                 |      |      |       |               |                |
|                      | AE |                 |      |      |       |               |                |
|                      | AF |                 |      |      |       |               |                |

**FOREIGN PATENT DOCUMENTS**

|           |    | DOCUMENT<br>NO. | DATE      | COUNTRY | TRANSLATION<br>YES NO |   | ENGLISH<br>ABSTRACT |
|-----------|----|-----------------|-----------|---------|-----------------------|---|---------------------|
| <i>AN</i> | AG | 2002-120383     | 4/23/2002 | Japan   |                       | X | X                   |
|           | AH |                 |           |         |                       |   |                     |
|           | AI |                 |           |         |                       |   |                     |
|           | AJ |                 |           |         |                       |   |                     |
|           | AK |                 |           |         |                       |   |                     |
|           | AL |                 |           |         |                       |   |                     |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION  
YES NO

|  |    |  |  |
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|  | AM |  |  |
|--|----|--|--|

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| EXAMINER<br><br><i>Anh No</i>   | DATE CONSIDERED<br><br><i>02/08/07</i> |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |  |

## ATTACHMENT 1(g)

|   |                      |                 |
|---|----------------------|-----------------|
| <b>LIST OF ADDITIONAL SUBMITTED DOCUMENTS</b> | ATTORNEY DOCKET NO.  | APPLICATION NO. |
|   | 1349.1302            | 10/731,005      |
|   | FIRST NAMED INVENTOR |                 |
|   | Jae-cheol LEE et al. |                 |
|   | FILING DATE          | GROUP ART UNIT  |
|   | December 10, 2003    | 2861            |

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

## U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL |    | DOCUMENT NO. | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|-------------------|----|--------------|------|------|-------|-----------|-------------|
|                   | AA |              |      |      |       |           |             |
|                   | AB |              |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION<br>YES NO |  |
|--|----|--------------|------|---------|-------|-----------|-----------------------|--|
|  | AC |              |      |         |       |           |                       |  |
|  | AD |              |      |         |       |           |                       |  |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|           |    |  |  | TRANSLATION<br>YES NO |   |
|-----------|----|--|--|-----------------------|---|
| <i>mv</i> | AE | Japanese Office Action issued January 16, 2007, in Japanese Patent Application No. 2003-427160, which corresponds the above-identified, U.S. Patent Application No. 10/731,005 |  |                       | X |

|   |               |                 |                 |
|---|---------------|-----------------|-----------------|
| EXAMINER  | <i>Anh No</i> | DATE CONSIDERED | <i>02/08/07</i> |
| <p>*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |               |                 |                 |